

870 Order Status Report

Functional Group ID=**RS**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Order Status Report Transaction Set (870) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to report on the current status of a requirement forecast, an entire purchase order, selected line items on a purchase order, selected products/services on a purchase order, or purchase orders for a specific customer in their entirety or on a selection basis. The transaction set can also be used to report on the current status of single or multiple requisitions. The report format allows for the inclusion of "reasons" relative to the status. This transaction set may also be used to update the supplier's scheduled shipment or delivery dates. This transaction set can result from either an inquiry or a prearranged schedule agreed to by the trading partners.

Notes:

- 1. Organizations use this transaction set to report the current status of an entire order or a portion thereof.*
- 2. Use a single occurrence of this transaction set to transmit single or multiple supply status transactions to one or more organizations.*
- 3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.*

Heading:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
4	010	ST	Transaction Set Header	M	1		
5	020	BSR	Beginning Segment for Order Status Report	M	1		
Not Used	042	TD3	Carrier Details (Equipment)	O	1		
Not Used	043	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1		
Not Used	044	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1		
Not Used	045	DTM	Date/Time Reference	O	10		
LOOP ID - REF						>1	
Not Used	046	REF	Reference Identification	O	1		
Not Used	047	DTM	Date/Time Reference	O	>1		
LOOP ID - N1						200	
7	050	N1	Name	O	1		
Not Used	060	N2	Additional Name Information	O	2		

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Not Used	070	N3	Address Information	O	2	
Not Used	080	N4	Geographic Location	O	1	
Not Used	090	REF	Reference Identification	O	12	
Not Used	100	PER	Administrative Communications Contact	O	3	
Not Used	105	PWK	Paperwork	O	1	
LOOP ID - LM					10	
Not Used	120	LM	Code Source Information	O	1	
Not Used	130	LQ	Industry Code	M	100	

Detail:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
LOOP ID - HL						1000	
8	010	HL	Hierarchical Level	M	1		
Not Used	020	PRF	Purchase Order Reference	O	1		
LOOP ID - ISR						104	
Not Used	030	ISR	Item Status Report	O	1		
Not Used	040	PID	Product/Item Description	O	6		
Not Used	050	QTY	Quantity	O	4		
Not Used	070	PER	Administrative Communications Contact	O	3		
9	080	DTM	Date/Time Reference	O	10		
10	086	CS	Contract Summary	O	3		n1
LOOP ID - REF						>1	
13	087	REF	Reference Identification	O	1		
Not Used	088	DTM	Date/Time Reference	O	>1		
LOOP ID - N1						200	
15	090	N1	Name	O	1		
Not Used	100	N2	Additional Name Information	O	2		
Not Used	110	N3	Address Information	O	2		
Not Used	120	N4	Geographic Location	O	1		
Not Used	130	REF	Reference Identification	O	12		
Not Used	140	PER	Administrative Communications Contact	O	3		
LOOP ID - LM						10	
17	144	LM	Code Source Information	O	1		
18	145	LQ	Industry Code	M	100		
LOOP ID - PO1						1000	
19	150	PO1	Baseline Item Data	O	1		
Not Used	155	CUR	Currency	O	1		
Not Used	160	SLN	Subline Item Detail	O	100		
Not Used	170	PO3	Additional Item Detail	O	1		
Not Used	180	PID	Product/Item Description	O	1000		
Not Used	190	MEA	Measurements	O	40		
Not Used	200	PKG	Marking, Packaging, Loading	O	25		
LOOP ID - ISR						104	
22	210	ISR	Item Status Report	O	1		

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Not Used	220	PID	Product/Item Description	O	6	
23	230	QTY	Quantity	O	4	
25	240	DTM	Date/Time Reference	O	10	
Not Used	250	N1	Name	O	1	
Not Used	251	N2	Additional Name Information	O	2	
Not Used	252	N3	Address Information	O	2	
Not Used	253	N4	Geographic Location	O	1	
Not Used	260	TD1	Carrier Details (Quantity and Weight)	O	1	
Not Used	270	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1	
Not Used	280	TD3	Carrier Details (Equipment)	O	1	
Not Used	290	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	1	
26	300	REF	Reference Identification	O	12	
Not Used	310	SAC	Service, Promotion, Allowance, or Charge Information	O	25	
LOOP ID - LM					10	
28	320	LM	Code Source Information	O	1	
29	330	LQ	Industry Code	M	100	
LOOP ID - LX					>1	
Not Used	340	LX	Assigned Number	O	1	n2
Not Used	350	REF	Reference Identification	O	>1	
Not Used	360	N1	Name	O	1	
Not Used	370	DTM	Date/Time Reference	O	10	
LOOP ID - LM					10	
Not Used	380	LM	Code Source Information	O	1	
Not Used	390	LQ	Industry Code	M	100	

Summary:

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Not Used	010	CTT	Transaction Totals	O	1		n3
30	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. Use is limited to intra-organizational transactions.
2. The LX loop conveys serial number, lot number, and inventory data.
3. The number of line items (CTT01) is the accumulation of the number of HL segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
M	ST01	143 Transaction Set Identifier Code	M	ID 3/3
		Code uniquely identifying a Transaction Set		
		870 Order Status Report		
M	ST02	329 Transaction Set Control Number	M	AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		
		<i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>		

Segment: **BSR** **Beginning Segment for Order Status Report**

Position: 020

Loop:

Level: Heading

Usage: Mandatory

Max Use: 1

Purpose: To indicate the beginning of an Order Status Report Transaction Set

Syntax Notes:

Semantic Notes:

- 1 BSR03 indicates a status report document number assigned by the sender.
- 2 BSR04 indicates the date of this report from the sender.
- 3 BSR07 indicates the time of this report from the sender.
- 4 BSR08 indicates a status report document number assigned by the inquirer.
- 5 BSR09 indicates the date this report was requested from the sender by the inquirer.
- 6 BSR10 indicates the time this report was requested from the sender by the inquirer.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	BSR01	850	Status Report Code	M ID 1/2
			Code indicating the reason for sending the report	
			4 Response to Requisition	
			5 Notice of Response to Direct Vendor Delivery	
			6 Notice of Response to Supply Assistance	
M	BSR02	847	Order/Item Code	M ID 1/2
			Code identifying a group of orders and items	
			CO All Orders - Unshipped Items	
M	BSR03	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Use code "Z" for this data element to satisfy mandatory X12 syntax requirements.</i>	
M	BSR04	373	Date	M DT 8/8
			Date expressed as CCYYMMDD	
			<i>This date corresponds to the Universal Time Coordinate (UTC).</i>	
Not Used	BSR05	848	Product/Date Code	O ID 1/2
			Code indicating whether the inquiry is based on products and/or date parameters	
Not Used	BSR06	849	Location Code	O ID 1/2
			Code indicating the selection of a supplier's and/or buyer's locations or group of locations	
Must Use	BSR07	337	Time	O TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

1. Express the originating activity's time in UTC.

2. Express time in a four-position (HHMM) format.

Not Used	BSR08	127	Reference Identification	O AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	BSR09	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	BSR10	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Must Use	BSR11	353	Transaction Set Purpose Code	O ID 2/2
			Code identifying purpose of transaction set	
			00 Original	
			77 Simulation Exercise	
Not Used	BSR12	306	Action Code	O ID 1/2
			Code indicating type of action	

Segment: **N1** Name**Position:** 050**Loop:** N1 Optional**Level:** Heading**Usage:** Optional**Max Use:** 1**Purpose:** To identify a party by type of organization, name, and code**Syntax Notes:** 1 At least one of N102 or N103 is required.

2 If either N103 or N104 is present, then the other is required.

Semantic Notes:**Notes:** *Must use this 1/N1/050 loop to identify the organization originating the transaction set.***Data Element Summary**

	Ref.	Data	Name	Attributes
	Des.	Element		
M	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
			<i>Use any code.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	N102	93	Name	X AN 1/60
			Free-form name	
Must Use	N103	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10	Department of Defense Activity Address Code (DODAAC)	
		M4	Department of Defense Routing Identifier Code (RIC)	
Must Use	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
Must Use	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		FR	Message From	
			<i>Must use with the appropriate 1/N101/050 code to indicate the organization cited in N104 is originating the transaction set.</i>	

Segment: **HL** Hierarchical Level

Position: 010

Loop: HL Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To identify dependencies among and the content of hierarchically related groups of data segments

Syntax Notes:

Semantic Notes:

Notes: *The transaction set hierarchical data structure is transaction number only.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	HL01	628		Hierarchical ID Number	M AN 1/12
				A unique number assigned by the sender to identify a particular data segment in a hierarchical structure	
				<i>In the first 2/HL/010 loop iteration, cite numeric 1. In each subsequent loop iteration, increase incrementally by 1.</i>	
Not Used	HL02	734		Hierarchical Parent ID Number	O AN 1/12
				Identification number of the next higher hierarchical data segment that the data segment being described is subordinate to	
M	HL03	735		Hierarchical Level Code	M ID 1/2
				Code defining the characteristic of a level in a hierarchical structure	
			W	Transaction Reference Number	
Not Used	HL04	736		Hierarchical Child Code	O ID 1/1
				Code indicating if there are hierarchical child data segments subordinate to the level being described	

Segment: DTM Date/Time Reference**Position:** 080**Loop:** HL Mandatory**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Notes:** *Use to indicate the transaction preparation date.***Data Element Summary**

	Ref. Des.	Data Element	Name	Attributes
M	DTM01	374	Date/Time Qualifier Code specifying type of date or time, or both date and time 097 Transaction Creation	M ID 3/3
Must Use	DTM02	373	Date Date expressed as CCYYMMDD	X DT 8/8
Not Used	DTM03	337	Time Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	X TM 4/8
Not Used	DTM04	623	Time Code Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	O ID 2/2
Not Used	DTM05	1250	Date Time Period Format Qualifier Code indicating the date format, time format, or date and time format	X ID 2/3
Not Used	DTM06	1251	Date Time Period Expression of a date, a time, or range of dates, times or dates and times	X AN 1/35

Segment:	CS Contract Summary
Position:	086
Loop:	HL Mandatory
Level:	Detail
Usage:	Optional
Max Use:	3
Purpose:	To provide information about a contract
Syntax Notes:	1 If either CS04 or CS05 is present, then the other is required.
Semantic Notes:	1 CS09 is the permissible overage as a percentage of the total contract line item number (CLIN) quantity. 2 CS10 is the permissible shortage as a percentage of the total contract line item number (CLIN) quantity. 3 CS11 is the permissible overage dollar value specified by the contract above which discrepancy action is taken. 4 CS14 is the Unit of Measure stipulated in the contract. 5 CS15 is the contract line item number (CLIN) unit price specified in the contract. 6 CS17 conveys the Critical Application Indicator. A "Y" indicates that a Critical Application Indicator is specified in the contract; an "N" indicates that no Critical Application Indicator is specified in the contract. 7 CS18 conveys the Special Requirements Indicator. A "Y" indicates that a Special Requirements Indicator (requiring special testing and or evaluation) is specified in the contract; an "N" indicates that no Special Requirements Indicator is specified in the contract.

Data Element Summary

Ref.	Data		Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
Must Use	CS01	367 Contract Number	O AN 1/30
		Contract number	
	CS02	327 Change Order Sequence Number	O AN 1/8
		Number assigned by the orderer identifying a specific change or revision to a previously transmitted transaction set	
		<i>Use to identify a modification number to the cited contract.</i>	
	CS03	328 Release Number	O AN 1/30
		Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction	
		<i>Use to identify the call or order number, or the call or order number including the respective call or order modification, as applicable.</i>	
	CS04	128 Reference Identification Qualifier	X ID 2/3
		Code qualifying the Reference Identification	
		83 Extended (or Exhibit) Line Item Number (ELIN)	
		C7 Contract Line Item Number	
	CS05	127 Reference Identification	X AN 1/30

			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	CS06	324	Purchase Order Number	O AN 1/22
			Identifying number for Purchase Order assigned by the orderer/purchaser	
	CS07	560	Special Services Code	O ID 2/10
			Code identifying the special service	
			<i>Use to identify the contract specification for material acceptance.</i>	
			AD	Accept at Destination
			AO	Accept at Origin
Not Used	CS08	433	F.O.B. Point Code	O ID 2/2
			Code identifying type of F.O.B. point	
	CS09	954	Percent	O R 1/10
			Percentage expressed as a decimal	
	CS10	954	Percent	O R 1/10
			Percentage expressed as a decimal	
	CS11	782	Monetary Amount	O R 1/18
			Monetary amount	
			<i>Use the dollar amount from the excess quantity clause. Express as a whole number with no decimal.</i>	
	CS12	336	Terms Type Code	O ID 2/2
			Code identifying type of payment terms	
			21	Fast Pay
	CS13	560	Special Services Code	O ID 2/10
			Code identifying the special service	
			<i>Use to identify the contract specification for material inspection.</i>	
			IM	Inspect at Destination
			IO	Inspect at Origin
	CS14	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>Use to identify the purchase unit of issue, if different from the standard unit of issue.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	CS15	212	Unit Price	O R 1/17
			Price per unit of product, service, commodity, etc.	
			<i>Use to identify the CLIN unit price when CS11 contains a value.</i>	
	CS16	336	Terms Type Code	O ID 2/2
			Code identifying type of payment terms	
			22	Cash Discount Terms Apply
	CS17	1073	Yes/No Condition or Response Code	O ID 1/1
			Code indicating a Yes or No condition or response	

		N	No	
		Y	Yes	
CS18	1073	Yes/No Condition or Response Code		O ID 1/1
		Code indicating a Yes or No condition or response		
		N	No	
		Y	Yes	

Segment:	REF Reference Identification
Position:	087
Loop:	REF Optional
Level:	Detail
Usage:	Optional
Max Use:	1
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Notes:	<i>To provide financial data: cite the fund purpose code and either or both of the fund code and the long-line accounting data. When citing long-line accounting data use REF03 and components of REF04.</i>

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
Must Use	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content <i>Use only with REF01 code FG and REF04 code AT to cite the supplemental accounting classification data.</i>	X AN 1/80
	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier <i>When providing financial data (REF01 code FG):</i> <i>If providing only the fund code use REF04-01 code FU and cite the fund code in REF04-02.</i> <i>If providing the long-line accounting data use REF04-01 code AT and cite the basic appropriation data in REF04-02. Use REF04-03 code 10 and cite the accounting station number in REF04-04.</i> <i>If providing both use REF04-01 code FU, REF04-03 code AT and REF04-05 code 10 citing the related data in the following data element of the pair.</i>	O
M	C04001	128	Reference Identification Qualifier	M ID 2/3

Code qualifying the Reference Identification

10	Account Managers Code
AT	Appropriation Number
CT	Contract Number
FU	Fund Code
W3	Manufacturing Directive Number

M C04002 127 Reference Identification M AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

C04003 128 Reference Identification Qualifier X ID 2/3

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

C04004 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

C04005 128 Reference Identification Qualifier X ID 2/3

Code qualifying the Reference Identification

Refer to 004010 Data Element Dictionary for acceptable code values.

C04006 127 Reference Identification X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **N1** Name**Position:** 090**Loop:** N1 Optional**Level:** Detail**Usage:** Optional**Max Use:** 1**Purpose:** To identify a party by type of organization, name, and code**Syntax Notes:** **1** At least one of N102 or N103 is required.**2** If either N103 or N104 is present, then the other is required.**Semantic Notes:****Notes:** *1. Must use this 2/N1/090 loop to identify the organization to receive the transaction.**2. Use additional iterations to identify other organizations associated with the transaction.***Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
M	N101	98 Entity Identifier Code	M ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	
		<i>Use any code.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Not Used	N102	93 Name	X AN 1/60
		Free-form name	
Must Use	N103	66 Identification Code Qualifier	X ID 1/2
		Code designating the system/method of code structure used for Identification Code (67)	
		1 D-U-N-S Number, Dun & Bradstreet	
		9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix	
		10 Department of Defense Activity Address Code (DODAAC)	
		33 Commercial and Government Entity (CAGE)	
		M4 Department of Defense Routing Identifier Code (RIC)	
Must Use	N104	67 Identification Code	X AN 2/80
		Code identifying a party or other code	
Not Used	N105	706 Entity Relationship Code	O ID 2/2
		Code describing entity relationship	
	N106	98 Entity Identifier Code	O ID 2/3
		Code identifying an organizational entity, a physical location, property or an individual	

TO

Message To

Must use with 2/N101/090 code Z1 to indicate the organization cited in N104 is receiving the transaction.

Segment: **LM** **Code Source Information**
Position: 144
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Notes: *Use this 2/LM/144 loop to identify coded information maintained in department or agency documentation.*

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	LM01	559 Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment: **LQ** Industry Code
Position: 145
Loop: LM Optional
Level: Detail
Usage: Mandatory
Max Use: 100
Purpose: Code to transmit standard industry codes
Syntax Notes: 1 If LQ01 is present, then LQ02 is required.
Semantic Notes:
Notes: *Use to identify codes, as appropriate, consistent with management information requirements.*

Data Element Summary

	Ref.	Data	Attributes
	Des.	Element Name	
Must Use	LQ01	1270 Code List Qualifier Code Code identifying a specific industry code list <i>Use any code.</i>	O ID 1/3
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	LQ02	1271 Industry Code Code indicating a code from a specific industry code list	X AN 1/30

Segment:	PO1	Baseline Item Data
Position:	150	
Loop:	PO1	Optional (Must Use)
Level:	Detail	
Usage:	Optional (Must Use)	
Max Use:	1	
Purpose:	To specify basic and most frequently used line item data	
Syntax Notes:	<ol style="list-style-type: none"> 1 If PO103 is present, then PO102 is required. 2 If PO105 is present, then PO104 is required. 3 If either PO106 or PO107 is present, then the other is required. 4 If either PO108 or PO109 is present, then the other is required. 5 If either PO110 or PO111 is present, then the other is required. 6 If either PO112 or PO113 is present, then the other is required. 7 If either PO114 or PO115 is present, then the other is required. 8 If either PO116 or PO117 is present, then the other is required. 9 If either PO118 or PO119 is present, then the other is required. 10 If either PO120 or PO121 is present, then the other is required. 11 If either PO122 or PO123 is present, then the other is required. 12 If either PO124 or PO125 is present, then the other is required. 	

Semantic Notes:**Notes:**

1. *Must use this 2/PO1/150 loop to identify the material and status associated with the transaction number.*
2. *Use multiple iterations of the 2/PO1/150 loop to identify multiple actions taken on a single transaction. Use a suffix code to differentiate each loop.*

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
	PO101	350	Assigned Identification	O AN 1/20
			Alphanumeric characters assigned for differentiation within a transaction set	
Must Use	PO102	330	Quantity Ordered	X R 1/15
			Quantity ordered	
			<ol style="list-style-type: none"> 1. <i>Must use to identify the quantity for which status is being provided.</i> 2. <i>Express as a whole number with no decimal.</i> 	
	PO103	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>Use to identify the correct unit of issue associated with the status provided.</i>	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PO104	212	Unit Price	X R 1/17
			Price per unit of product, service, commodity, etc.	

	PO105	639	Basis of Unit Price Code	O ID 2/2
			Code identifying the type of unit price for an item	
			<i>Use to identify the correct unit price associated with the status provided.</i>	
			ES Estimated	
			ST Standard	
	PO106	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			A1 Plant Equipment Number	
			A2 Department of Defense Identification Code (DoDIC)	
			A4 Subsistence Identification Number	
			FB Form Number	
			FS National Stock Number	
			FT Federal Supply Classification	
			MG Manufacturer's Part Number	
			YP Publication Number	
			ZZ Mutually Defined	
Must Use	PO107	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	PO108	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			CN Commodity Name	
			MB Measurement Type Code	
			ZB Commercial and Government Entity (CAGE) Code	
	PO109	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
	PO110	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
	PO111	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO112	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
Not Used	PO113	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
Not Used	PO114	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	

Not Used	PO115	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	PO116	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	PO117	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	PO118	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	PO119	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	PO120	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	PO121	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	PO122	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	PO123	234	Product/Service ID Identifying number for a product or service	X AN 1/48
Not Used	PO124	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X ID 2/2
Not Used	PO125	234	Product/Service ID Identifying number for a product or service	X AN 1/48

Segment: **ISR** Item Status Report
Position: 210
Loop: ISR Optional (Must Use)
Level: Detail
Usage: Optional (Must Use)
Max Use: 1
Purpose: To specify detailed purchase order/item status
Syntax Notes:
Semantic Notes: 1 If ISR01 specifies a date, ISR02 is required.
Notes: *Must use the 2/ISR/210 loop to provide detailed status information.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	ISR01	368	Shipment/Order Status Code		M ID 2/2
			Code indicating the status of an order or shipment or the disposition of any difference between the quantity ordered and the quantity shipped for a line item or transaction		
			CO	Customer Inquiry - Unshipped Items Only	
			UR	Unsolicited Report	
Not Used	ISR02	373	Date		O DT 8/8
			Date expressed as CCYYMMDD		
Not Used	ISR03	641	Status Reason Code		O ID 3/3
			Code indicating the status reason		

Segment: **QTY** Quantity
Position: 230
Loop: ISR Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: 4
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	QTY01	673	Quantity Qualifier	Code specifying the type of quantity 57 Minimum Order Quantity	M ID 2/2
Must Use	QTY02	380	Quantity	Numeric value of quantity <i>Express as a whole number with no decimal.</i>	X R 1/15
Not Used	QTY03	C001	Composite Unit of Measure	To identify a composite unit of measure (See Figures Appendix for examples of use)	O
Not Used	C00101	355	Unit or Basis for Measurement Code	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M ID 2/2
Not Used	C00102	1018	Exponent	Power to which a unit is raised	O R 1/15
Not Used	C00103	649	Multiplier	Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent	Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier	Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent	Power to which a unit is raised	O R 1/15

Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X AN 1/30

Segment: DTM Date/Time Reference**Position:** 240**Loop:** ISR Optional (Must Use)**Level:** Detail**Usage:** Optional**Max Use:** 10**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Notes:** *Use to identify dates associated with the transaction.***Data Element Summary**

	Ref.	Data	Attributes
	Des.	Element Name	
M	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		169 Product Availability Date	
		369 Estimated Departure Date	
		373 Order Start	
Must Use	DTM02	373 Date	X DT 8/8
		Date expressed as CCYYMMDD	
Not Used	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment:	REF Reference Identification
Position:	300
Loop:	ISR Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying information
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
Notes:	1. Use for supply status transactions to identify the federal supply schedule number associated with the status provided. 2. Use to provide the narrative explanation associated with the status provided.

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	REF01	128	Reference Identification Qualifier Code qualifying the Reference Identification <i>Use any code.</i> Refer to 004010 Data Element Dictionary for acceptable code values.	M ID 2/3
	REF02	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
	REF03	352	Description A free-form description to clarify the related data elements and their content	X AN 1/80
Not Used	REF04	C040	Reference Identifier To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O
Not Used	C04001	128	Reference Identification Qualifier Code qualifying the Reference Identification	M ID 2/3
Not Used	C04002	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M AN 1/30
Not Used	C04003	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04004	127	Reference Identification Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	X AN 1/30
Not Used	C04005	128	Reference Identification Qualifier Code qualifying the Reference Identification	X ID 2/3
Not Used	C04006	127	Reference Identification	X AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment: **LM** **Code Source Information**
Position: 320
Loop: LM Optional
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To transmit standard code list identification information
Syntax Notes:
Semantic Notes:
Notes: *Use the 2/LM/320 loop to identify status and other coded information related to the transaction number.*

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	<u>Attributes</u>
M	LM01	559 Agency Qualifier Code Code identifying the agency assigning the code values DF Department of Defense (DoD)	M ID 2/2
Not Used	LM02	822 Source Subqualifier A reference that indicates the table or text maintained by the Source Qualifier	O AN 1/15

Segment:	LQ Industry Code
Position:	330
Loop:	LM Optional
Level:	Detail
Usage:	Mandatory
Max Use:	100
Purpose:	Code to transmit standard industry codes
Syntax Notes:	1 If LQ01 is present, then LQ02 is required.
Semantic Notes:	
Notes:	<i>Use to identify codes, as appropriate, consistent with management information requirements.</i>

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	LQ01	1270 Code List Qualifier Code	O ID 1/3
		Code identifying a specific industry code list	
		<i>Use any code.</i>	
		Refer to 004010 Data Element Dictionary for acceptable code values.	
Must Use	LQ02	1271 Industry Code	X AN 1/30
		Code indicating a code from a specific industry code list	

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:

Semantic Notes:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
M	SE01	96 Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>Cite the same number as the one cited in ST02.</i>	